



Blakely, Sokoloff, Taylor & Zafman LLP

(408) 947-8200

Title: AUTOMATED REPETITIVE ARRAY MICROSTRUCTURE

DEFECT INSPECTION

1st Named Inventor: Kais Jameel Maayah

Application No.: 09/682,850

Docket No.: 6317P140

Sheet: 1 of 14

"REPLACEMENT SHEET"

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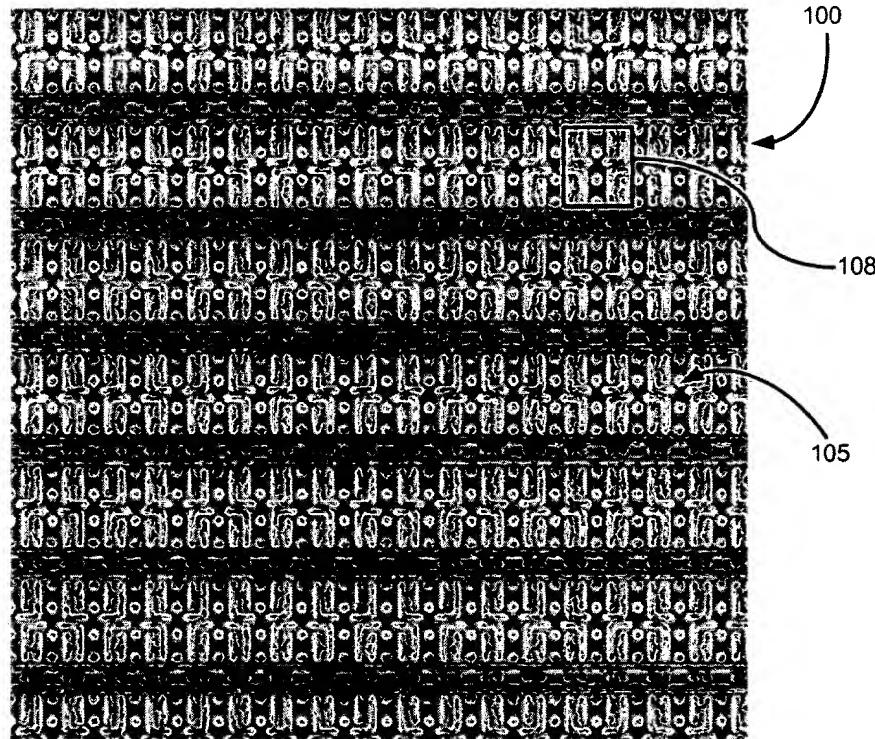
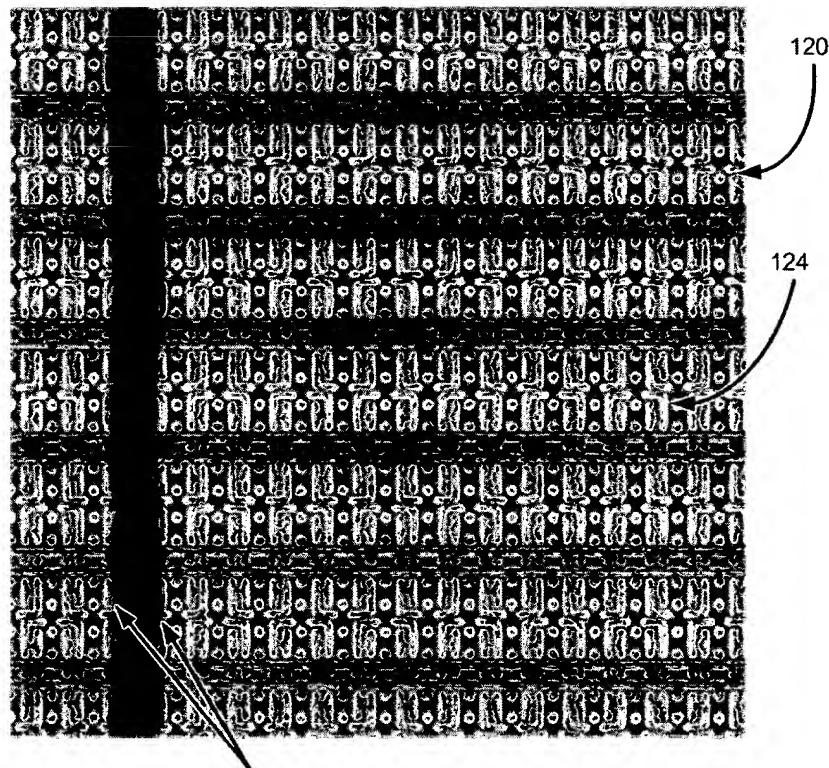


Figure 1A

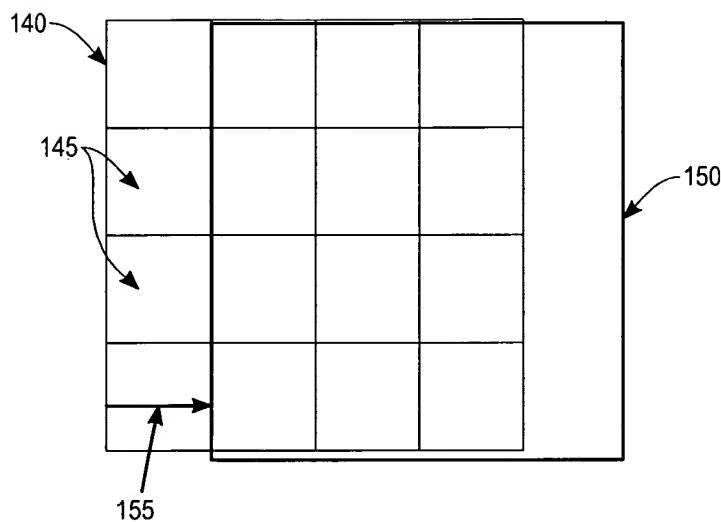


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Figure 1B

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*Fig. 1C (Prior Art)*

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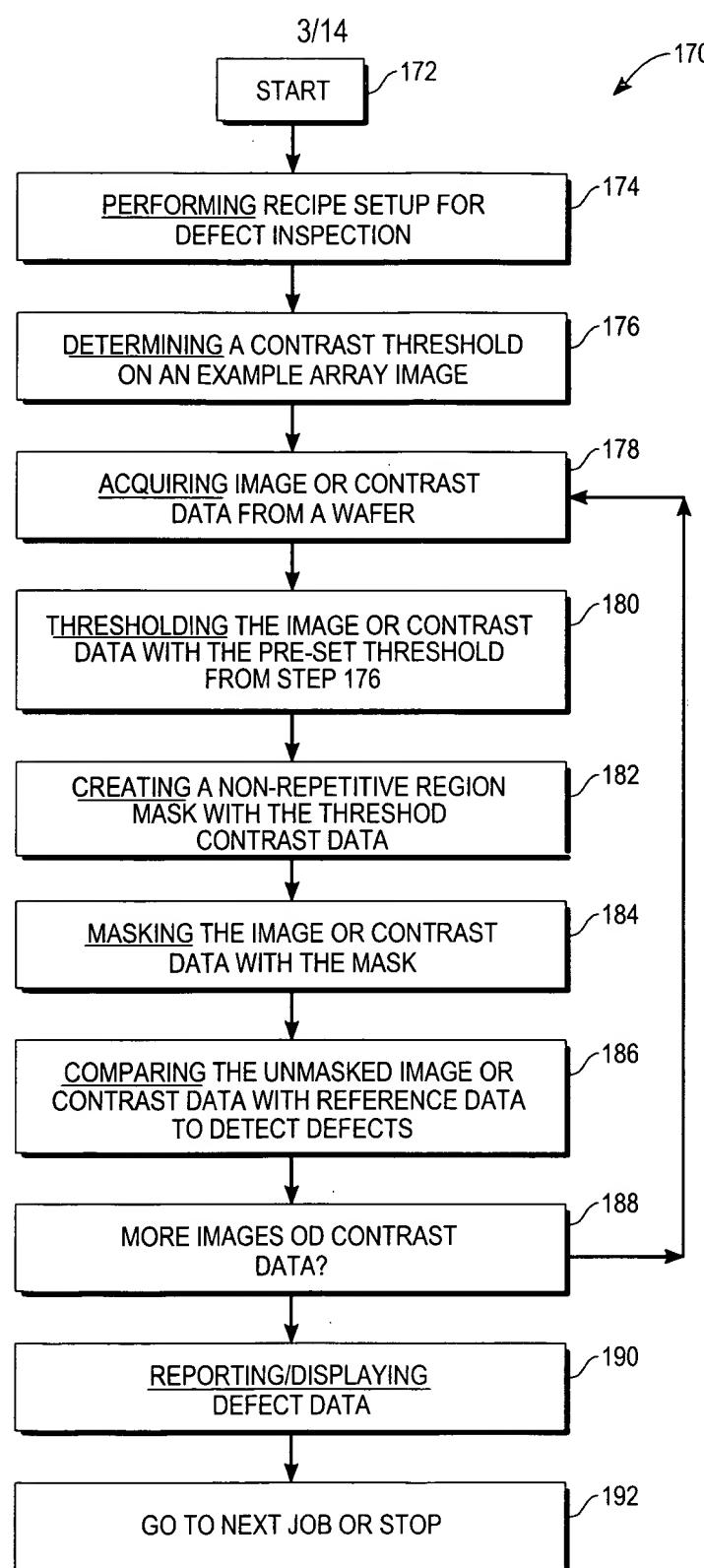
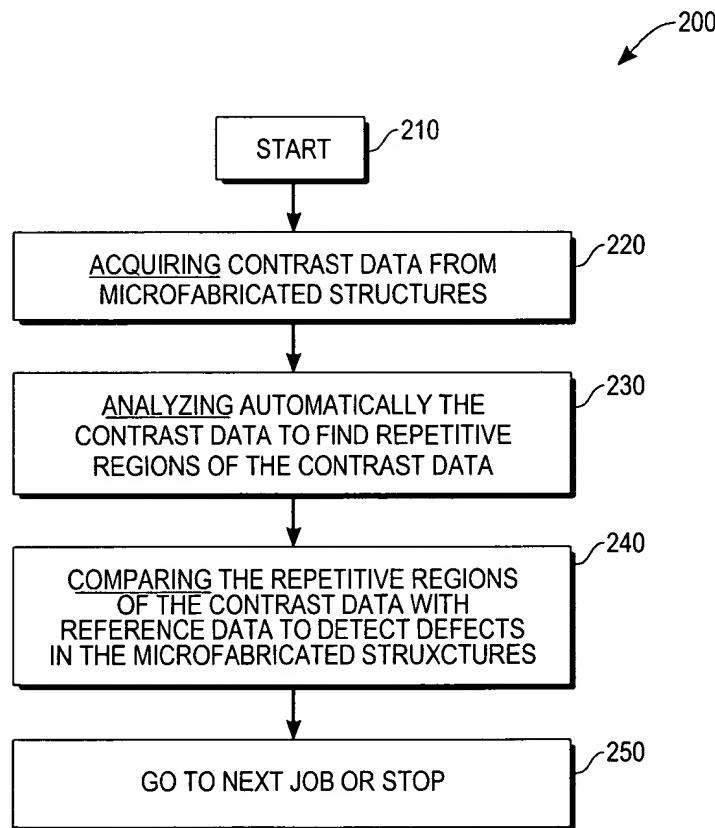


Fig. 1D

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*Fig. 2*

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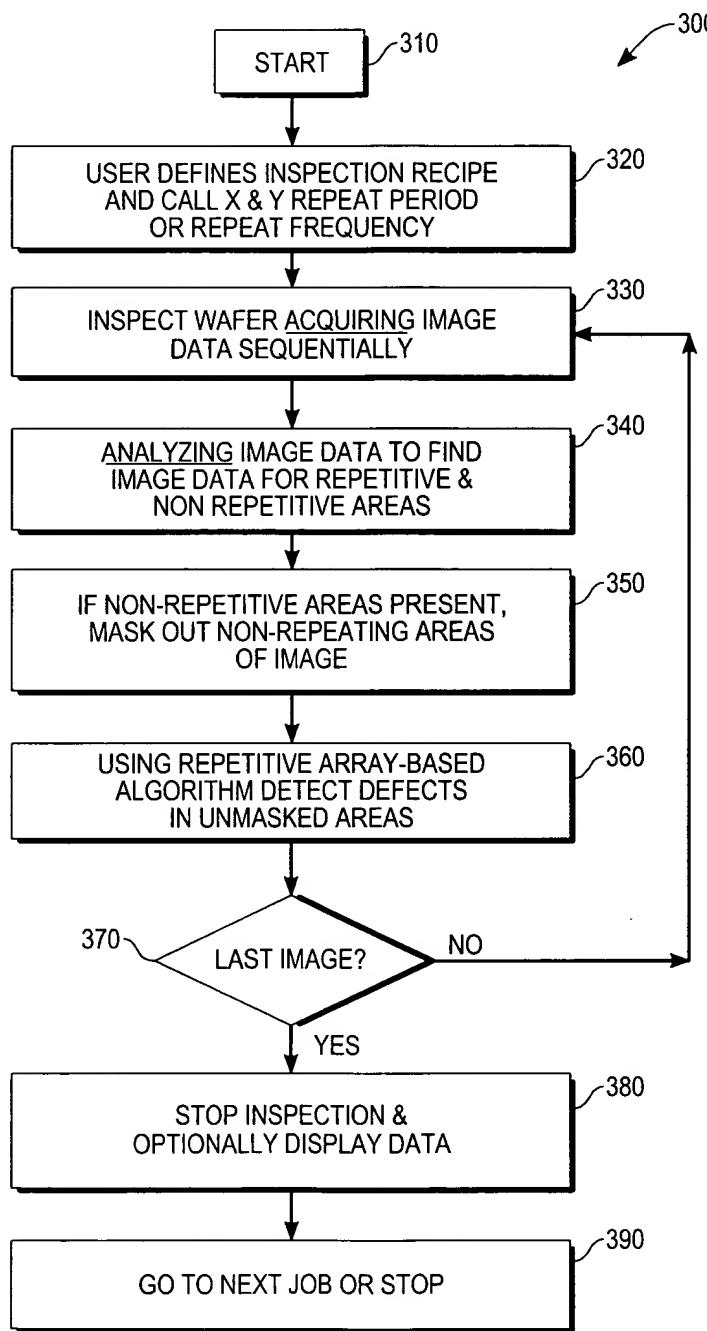


Fig. 3

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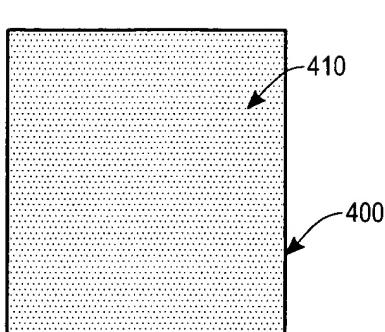


Fig. 4A

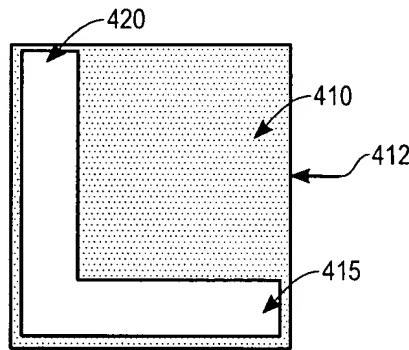


Fig. 4B

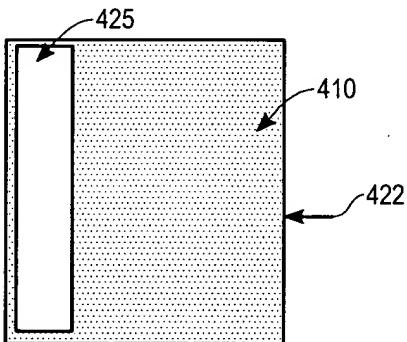


Fig. 4C

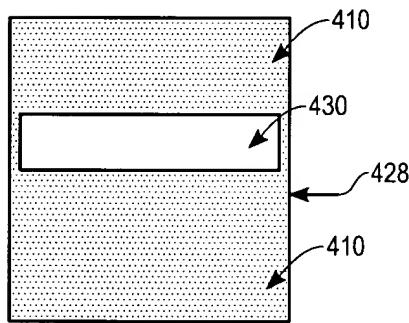


Fig. 4D

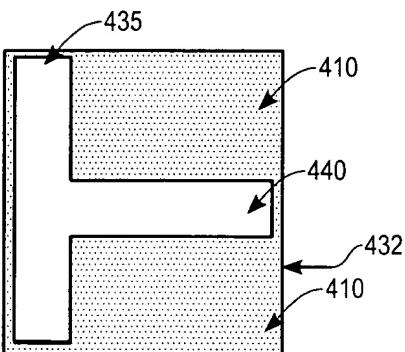


Fig. 4E

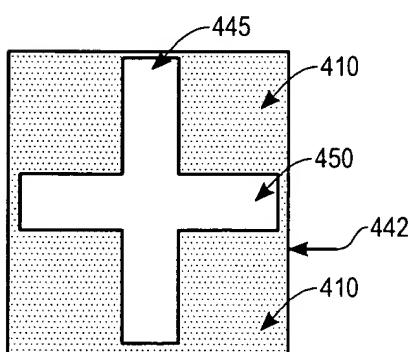


Fig. 4F

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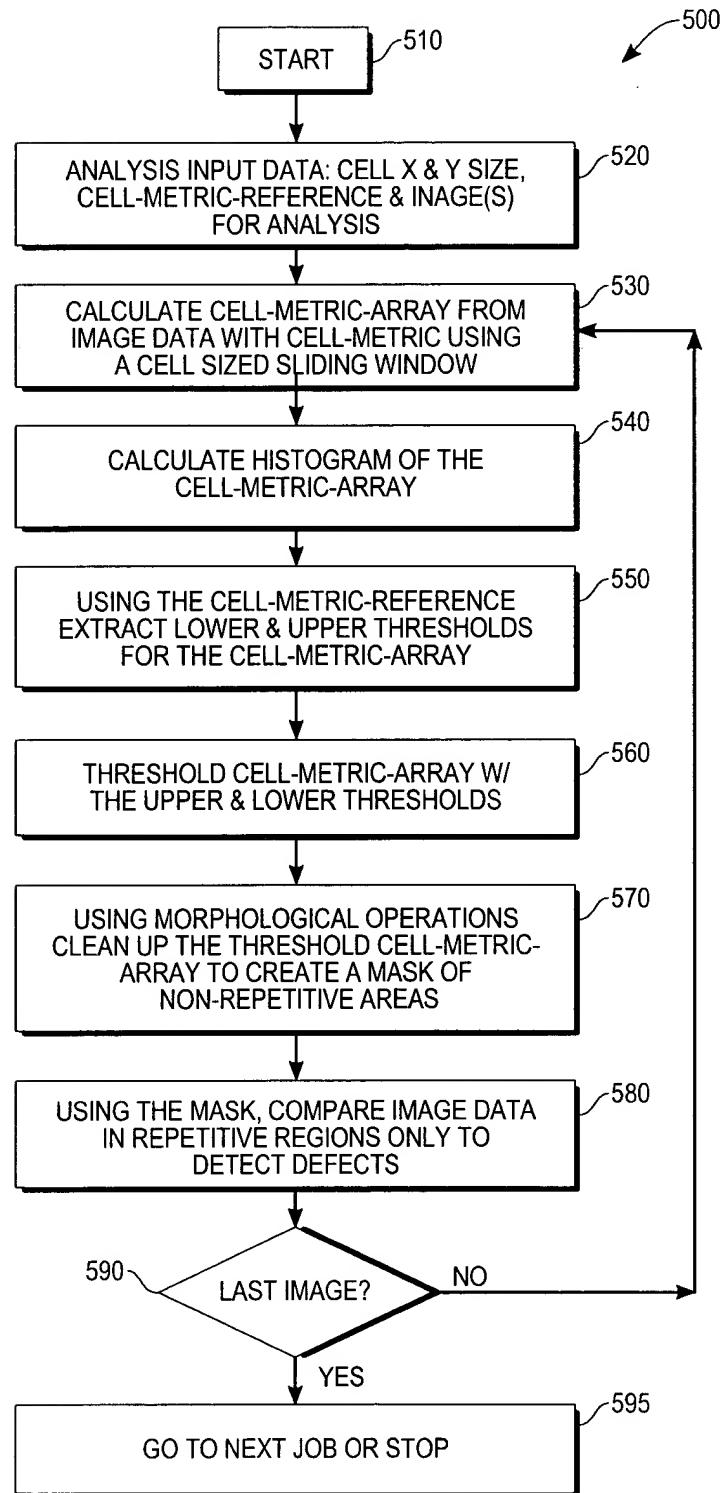


Fig. 5

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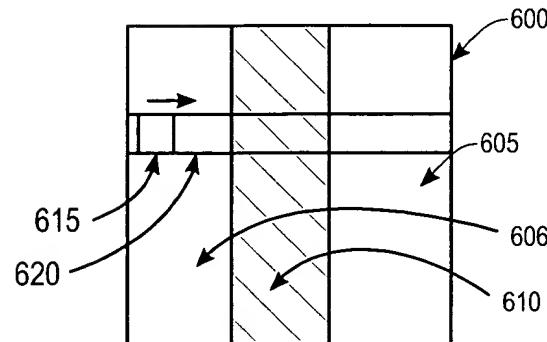


Fig. 6A



Fig. 6B

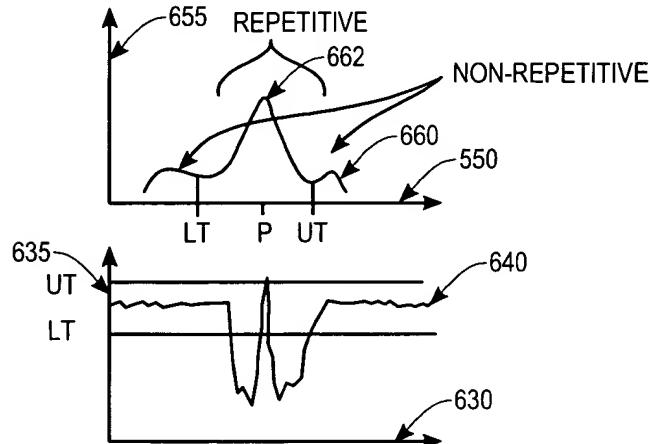


Fig. 6C

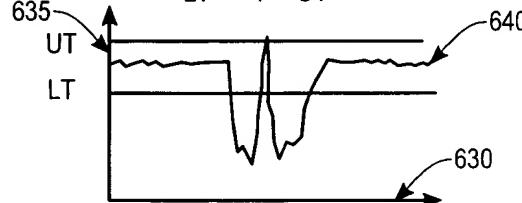


Fig. 6D

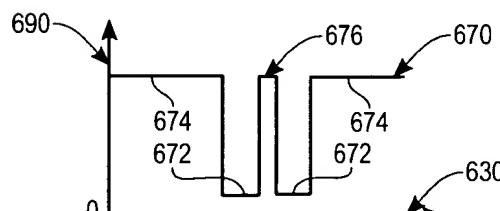


Fig. 6E

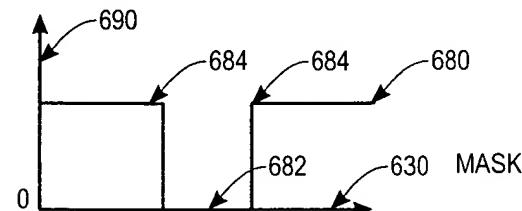
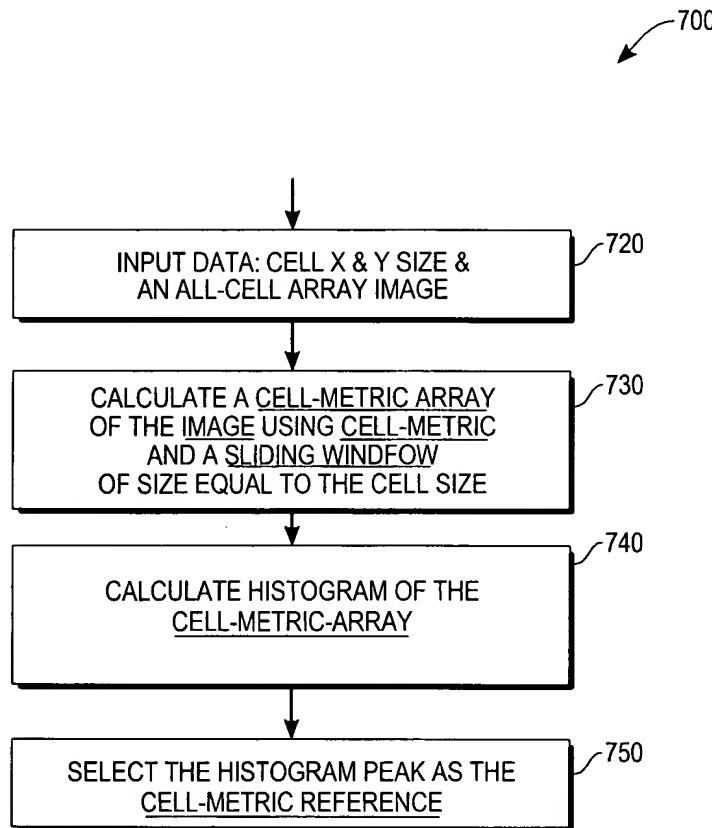


Fig. 6F

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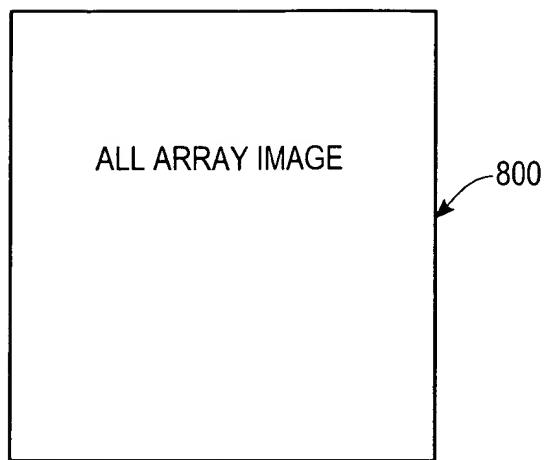
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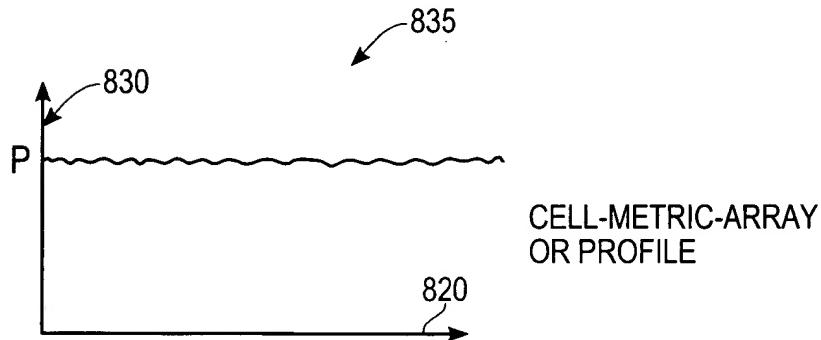
*Fig. 7*

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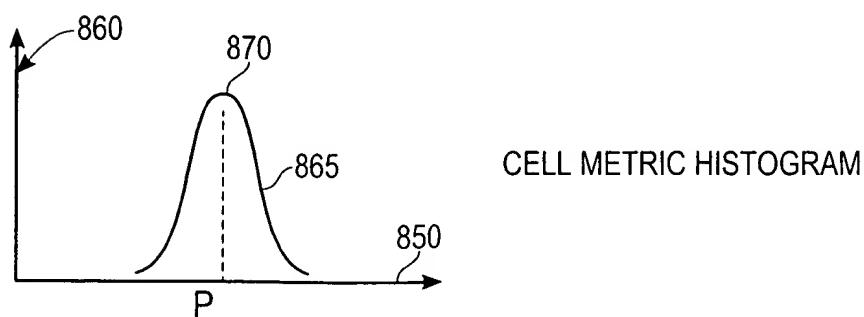
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*Fig. 8A*



*Fig. 8B*



*Fig. 8C*

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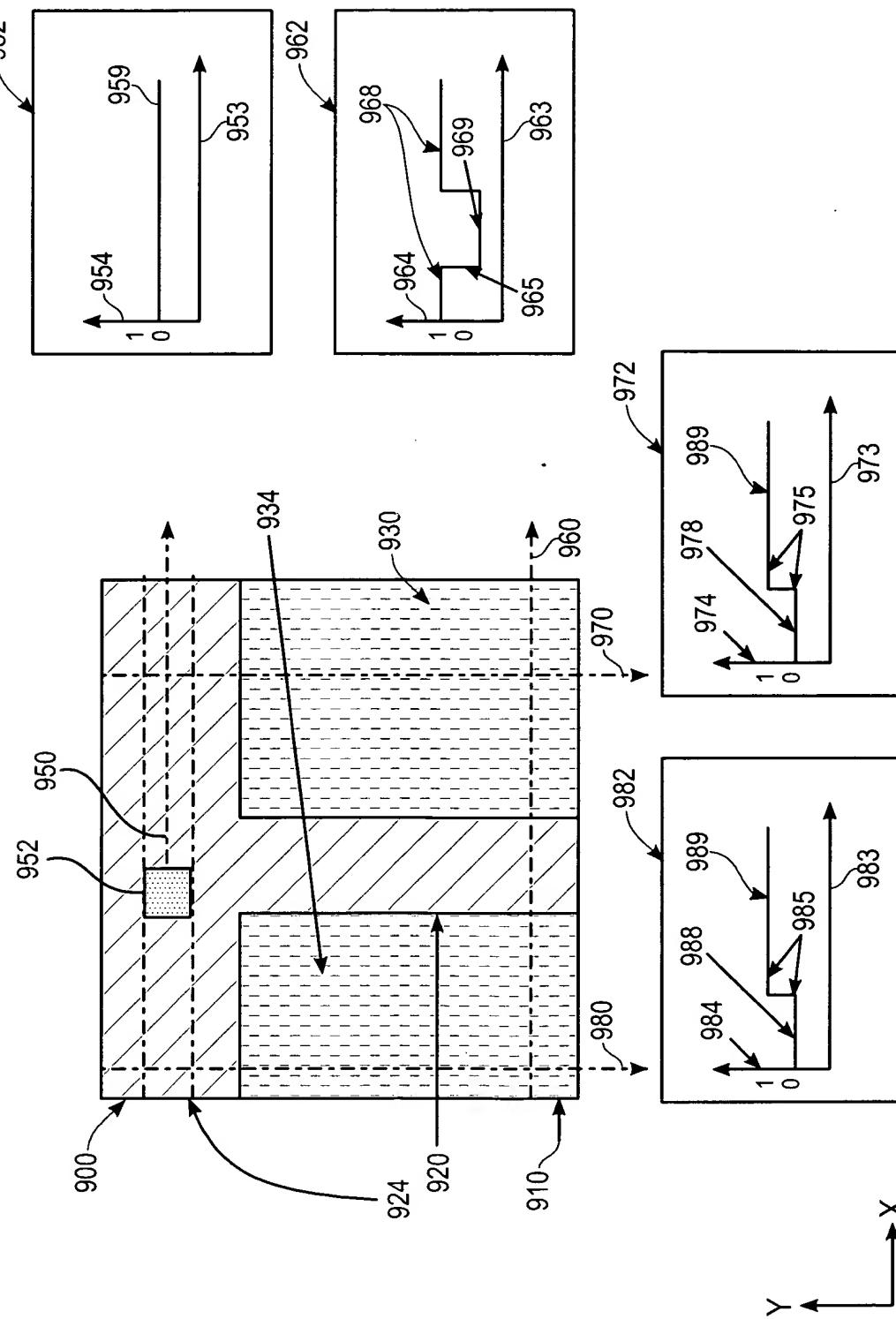
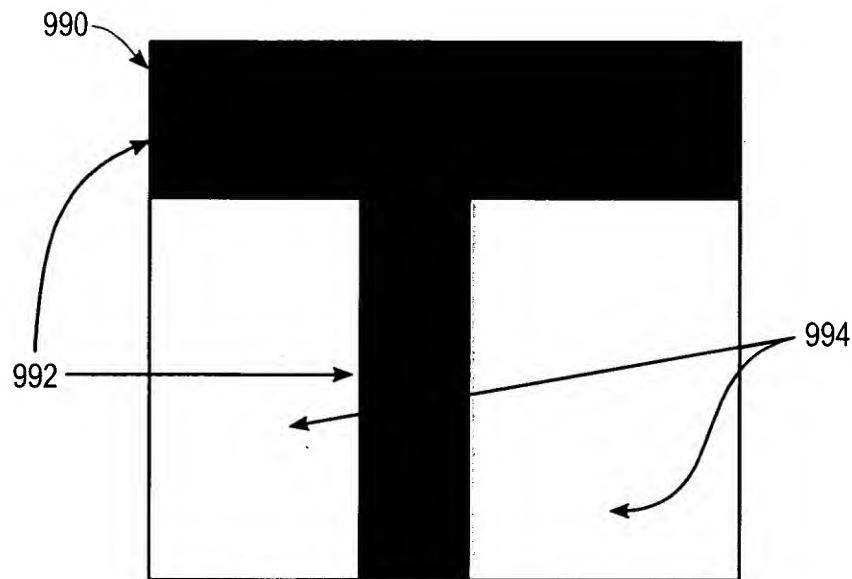


Fig. 9A

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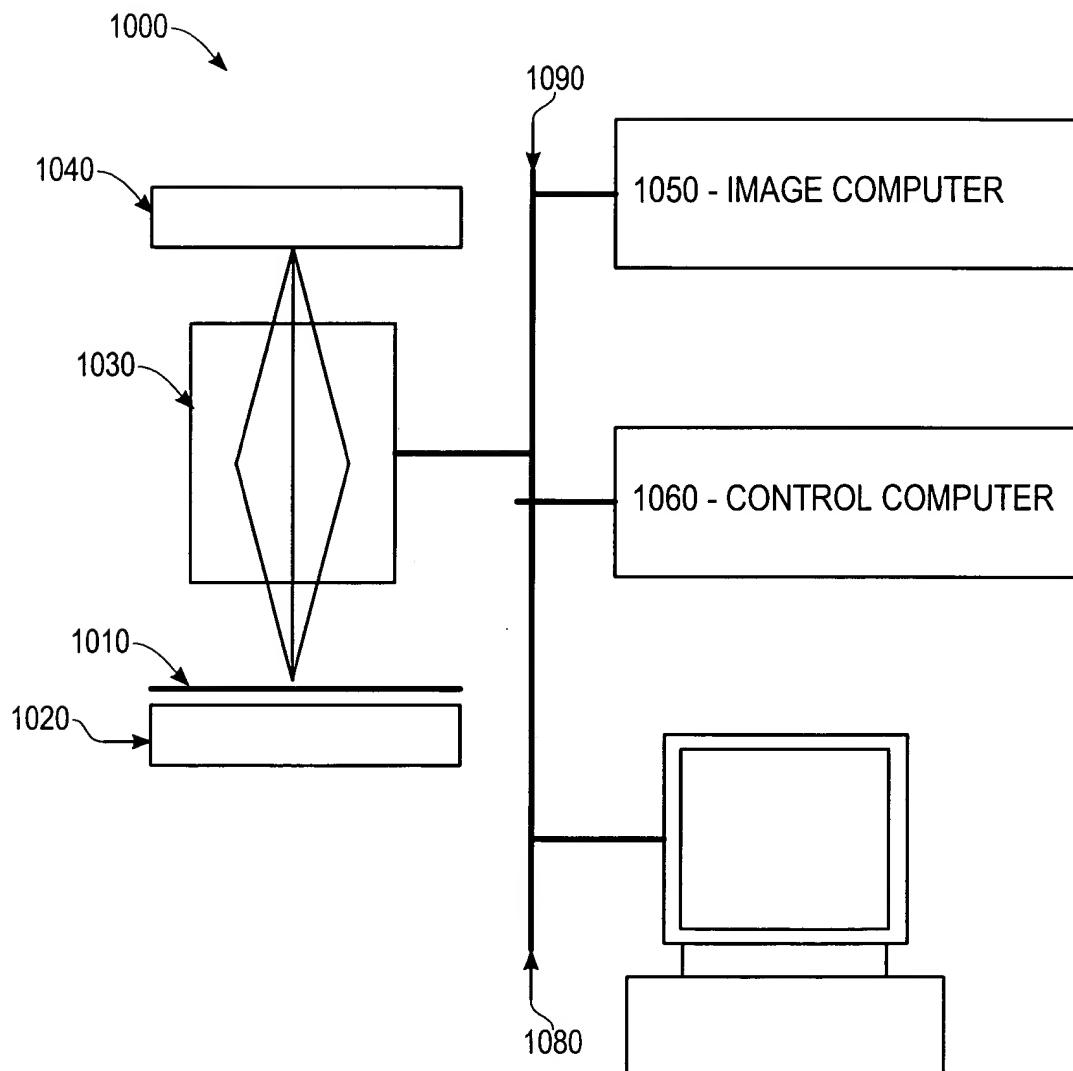


*Fig. 9B*

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*Fig. 10*

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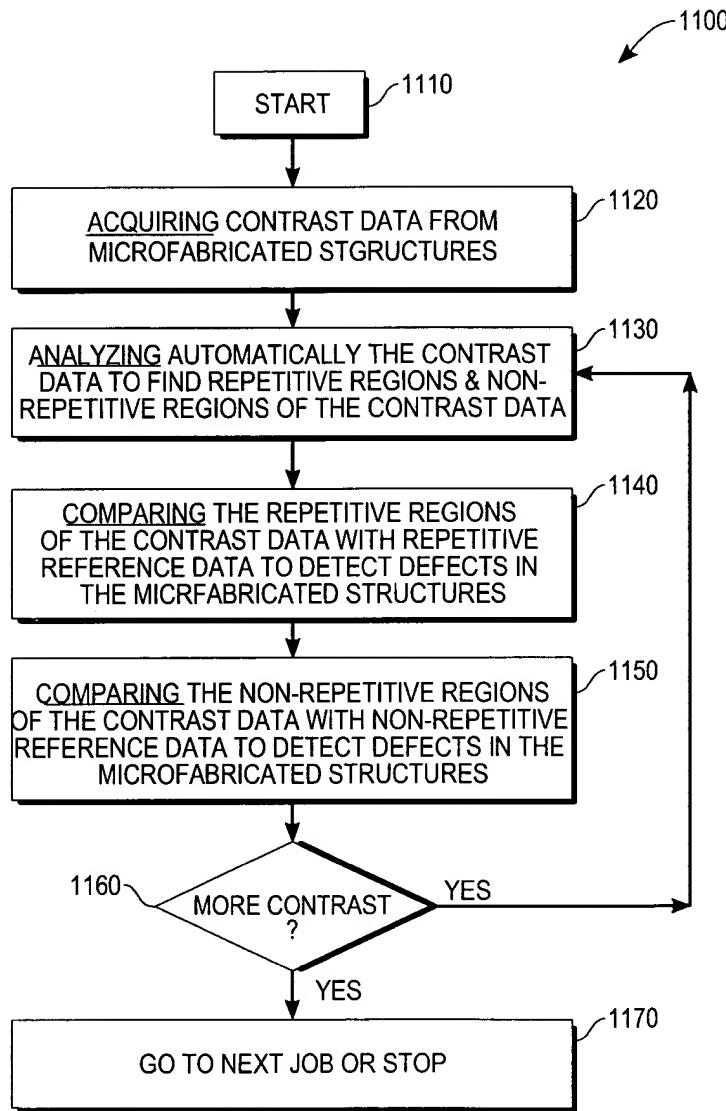


Fig. 11

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